

Substitute for Form 1449 A & B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet

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of

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Complete if Known

Application Number

National Stage Entry
PCT/JP2003/012087

Confirmation Number

Not yet assigned

Filing Date

March 23, 2005

First Named Inventor

Tadashi YONEDA

Art Unit

Not yet assigned

Examiner Name

Not yet assigned

Attorney Docket Number

Q72135

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
/TU/		US 5,470,827		11/28/1995	Tanaka et al
/TU/		US 5,494,809		2/27/1996	Tanaka et al

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
/TU/		WO	98/50422	A	11/12/1998	MANKER DENISE CAROL	
		WO	03/013251	A	2/20/2003	TSUZUKI TOSHI	
		EP	646 649	A	4/5/1995	HIGETA SHOYU KK	
		JP	59-212416	A	12/1/1984	RIKAGAKU KENKYUSHO	Abstract
		JP	63-20519	B2	4/27/1988	AGENCY OF IND SCIENCE & TECHNOLOGY	Abstract
		JP	2002-176993	A	6/25/2002	SHOWA DENKO KK	Abstract

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
		DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; TAKAZANE, SHIGERU ET AL: "Influences of Bacillus species in shoyu koji on shoyu brewing. 1. Isolation and identification of antifungal antibiotics producing bacteria" retrieved from STN Database accession no. 128:281993 XP002270870 abstract -& NIPPON SHOYU KENKYUSHO ZASSHI (1998), 24 (2), 77-82, XP008027724	
		DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; TAKAZANE, SHIGERU ET AL: "Influences of Bacillus species in shoyu koji on shoyu brewing. 2. Influences of antifungal Bacillus amyloliquefaciens on shoyu brewing" retrieved from STN Database accession no. 130:37495 XP002270871 abstract -& NIPPON SHOYU KENKYUSHO ZASSHI (1998), 24 (6), 341-346, XP008027722	
		HBID CHOUKRI ET AL: "Influence of the production of two lipopeptides, iturin A and surfactin S1, on oxygen transfer during Bacillus subtilis fermentation" APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY, vol. 57-58, no. 0, 1996, pages 571-579, XP008027727 ISSN: 0273-2289	
		SHODA M: " PRODUCTION OF MICROBIAL PESTICIDE IN SUBMERGED AND IN SOLID STATE FERMENTATIONS" MEDEDELINGEN - FACULTEIT LANDBOUWKUNDIGE EN TOEGEPASTE BIOLOGISCHE WETENSCHAPPEN, UNIVERSITEIT GENT, GENT, BE, vol. 64, no. 5A, 1999, pages 275-280, XP001126255 ISSN: 1373-7503	

Examiner Signature

/Thane Underdahl/

Date Considered

10/02/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.

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First Named Inventor

Tadashi YONEDA

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		US			
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/TU/		OHNO AKIHIRO ET AL: "Production of the antifungal peptide antibiotic, iturin by Bacillus subtilis NB22 in solid state fermentation" JOURNAL OF FERMENTATION AND BIOENGINEERING, vol. 75, no. 1, 1993, pages 23-27, XP008027721 ISSN: 0922-338X	
/TU/		PHAE C-G ET AL: "INVESTIGATION OF OPTIMAL CONDITIONS FOR FOAM SEPARATION OF ITURIN AN ANTIFUNGAL PEPTIDE PRODUCED BY BACILLUS-SUBTILIS" JOURNAL OF FERMENTATION AND BIOENGINEERING, vol. 71, no. 2, 1991, pages 118-121, XP008027720 ISSN: 0922-338X	

Examiner Signature	/Thano Underdahl/	Date Considered	10/02/2007
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Application Number	10/528,773
Confirmation Number	6335
Filing Date	March 23, 2005
First Named Inventor	Tadashi YONEDA
Art Unit	1632
Examiner Name	not yet assigned
Attorney Docket Number	Q72135

Sheet 1 of 1

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/TU/		WO	98/50422	A	11-12-1998	MANKER ET AL	
/TU/		WO	03/013251	A	02-20-2003	TSUZUKI ET AL	

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		CHOUKRI HIBD ET AL: "Influence of the Production of Two Lipopeptides, Iturin A and Surfactin S1, on Oxygen Transfer during <i>Bacillus subtilis</i> Fermentation", APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY, vol. 57/58, 1996, pages 571-579, XP008027727	

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